

INSTALLATION AND OPERATING GUIDE

Congratulations! Your choice of the R.I.D. System provides you state of the art features. When used with our all natural environmentally safe products, we are confident you will enjoy many years of effortless treatment of your lawn.

INSTALLATION INSTRUCTIONS

Step 1: Turn off the main water supply before beginning work see Figure 1.

EXAMPLE INSTALLATION DIAGRAM

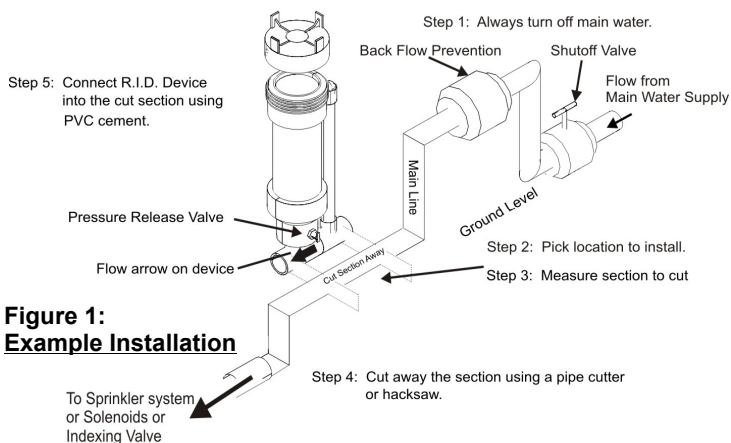


Figure 1:
Example Installation

Step 2: The R.I.D. system should be placed in a convenient location that is easily accessible. Select a location before the sprinkler systems solenoid or indexing valves and after the main line backflow prevention and manual master shutoff ball valve. See Figure 1.

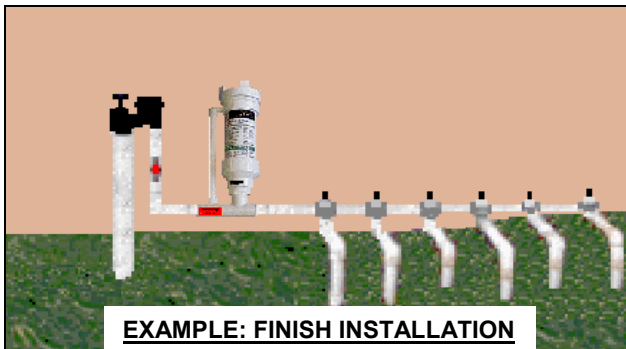
Caution: Be sure to install backflow prevention, as required by local code.

Step 3: Carefully measure main line pipe and cut. See Figure 1.
NOTE: Reducing pipe alternate approaches can be made by using reducers or threaded unions.

Step 4: Cut the measured section away using a pipe cutter or hacksaw. See Figure 1.

Step 5: Clean pipe, then using PVC cement or compression fittings, be sure to connect the R.I.D. System to the main line according to the FLOW arrow on the device. See Figure 1. **NOTE:** If using compression fittings you will still need to glue a minimum 3" long extension of 1" diameter pipe to both sides of the device.

Caution: Care must be taken insuring that anything placed into the device tank cannot flow into the water system. An approved backflow device such as a, pressure vacuum breaker (PVB), or reduced pressure backflow (RP), *must* be installed upstream from the R.I.D. System as required by local laws. An example configuration is seen below. **IMPORTANT:** The R.I.D. System may operate under constant pressure not to exceed 50 PSI with flow rates between 6-25 GPM.



OPERATING INSTRUCTIONS

We only recommend using the R.I.D. System with our approved all natural R.I.D. labeled products.

Call or order online: 888-RID SYSTEM or www.RidSystem.com

Step 1: Turn the water supply shutoff ball valve to the off or closed position.

Step 2: Open the pressure release valve on the side of the R.I.D. System allowing the water to drain from the device. If the tank has product remaining, it is recommended that a jar (or similar) be used to catch the liquid drained from the tank which can be re-used. Liquid is drained to release pressure for cap removal and to make room for new additive.

Step 3: While draining, remove the R.I.D. System outside cap. When drained, close the valve.

Step 4: Add one of our products and replace the outside cap. **Finger tighten only. DO NOT OVER TIGHTEN!**

Step 5: Slowly turn the shutoff ball valve to the "on" or "open" position.

Step 6: Turn the desired sprinkler system zone on manually or program to run each zone one full minute. Circular heads need to make at least one complete swing. **CAUTION:** All products should be applied in accordance with manufacturer's label instructions and/or local laws. Do not apply in high wind or extreme weather conditions.

Note: On average, the filled container will treat approximately 3 to 5 zones (depending on flow rate/GPM) and will be completely diluted within in 4-5 minutes. Larger sprinkler systems with multiple zones may need to be filled more than once during the application process. Further running of the system without refilling will only dilute the mixture ratio applied to the lawn. For more precise metering, determine flow in GPM (see below) and apply product one zone at a time.

Step 7: When completed flush the device.

Return your sprinkler system to its regular watering cycle 24 hours after lawn treatment. Winterize by shutting off sprinkler system supply valve and opening drain valve on device.

Precision engineering enables the device to effortlessly apply our all natural products instantaneously with the correct mixture ratio. With the R.I.D. Systems' patented design, you can tailor the products delivered to different parts of your lawn and landscape.

HOW TO DETERMINE FLOW (GPM) FOR YOUR SPRINKLER SYSTEM FOR MORE PRECISION APPLICATIONS

Simply determine how many gallons of water each zone flows by watching your water meter while running each zone for 60 seconds. If you do not use a water meter (i.e. well) you should consult your irrigation or plumbing professional or refer to the following example.

Example: Rotor heads flow approximately 2 GPM (gallons per minute) and spray heads flow approximately 1 GPM. If you have 5 rotor heads (5 X 2 GPM = 10 GPM) and 3 spray heads (3 X 1 GPM = 3 GPM) then that zone flows 10 + 3 = 13 GPM. Our products require 1 ounce per gallon of water so: 1 oz x 13 GPM = 13 ounces for that zone. Now it is easy, just add the appropriate amount of product for a given zone and repeat for following zones as necessary.